

INSTITUTION OF ENGINEERS, AUSTRALIA.

WESTERN AUSTRALIA DIVISION.

NARROWS BRIDGE PLAQUING PROGRAMME.

PROGRAMME FOR THE UNVEILING CEREMONY FRIDAY 19TH NOVEMBER 1999.

10.00am	Bruce James.	Welcome by Bruce James, Chairman Engineering Heritage Panel.
10.02am	Bruce James.	<i>History of the Plaquing Programme.</i>
10.07am	Bruce James.	Invite Mr Harold Clough, Chairman of Clough Limited to present a short address entitled "A Fortunate Choice"
10.09am	Harold Clough.	Address by Mr Harold Clough.
10.14am	Bruce James.	Invite the Premier, the Hon. Richard Court MLA to address the gathering, and to unveil the National Engineering Landmark Commemorative Plaque. This will be acknowledged by Mr Bill Marmion, the President of the WA Division of the Institution of Engineers, who will then present it to Mr Greg Martin, the Acting Commissioner of Main Roads, Western Australia.
10.15am	Mr Richard Court	Premier's address and unveiling of the Plaque.
10.20am	Mr Bill Marmion.	Acknowledgement of the unveiling of the Plaque followed by its presentation to Mr Greg Martin, the Acting Commissioner, Main Roads, WA.
10.23am	Mr Greg Martin.	Receipt and Acceptance of the Plaque on behalf of Main Roads, WA.
10.25am	Bruce James.	Presentation of a miniature replica Plaque to the Premier.
10.27am	Bruce James.	Vote of thanks to the Premier, Mr Harold Clough, Mr Greg Martin and Mr Bill Marmion and the gathered multitude. Also, thanks to Don Young, Ralph Moore, Peter Blockley, Dean Roberts, Richard Usher, Amanda Lawrence and finally, Tammy Mitchell of MRD. APPLAUSE. Invite all to morning coffee/tea and advise of bus departures at 11.15 Close meeting.,
10.30am	Bruce James.	

IEH91118.

INSTITUTION OF ENGINEERS, AUSTRALIA

NARROWS BRIDGE PLAQUING PROGRAMME.

WHAT IS THIS PLAQUING PROGRAMME ALL ABOUT?

EVERY FACET OF LIFE IN MODERN AUSTRALIA OWES SOMETHING TO ENGINEERING.

THE NATION'S INDUSTRIES, ITS TRANSPORT SYSTEMS, THE HEALTH AND SAFETY OF ITS PEOPLE, THE FOOD THEY EAT, THEIR ENTERTAINMENT, THE CONVENIENCE AND COMFORT OF THEIR HOMES AND EVEN THE WAY THEY LEAVE THIS LIFE, ALL RELY TO SOME GREATER OR LESSER EXTENT ON SOME ASPECT OF ENGINEERING.

AUSTRALIANS ARE WELL AWARE OF THE BENEFITS THAT FLOW FROM CURRENT TECHNOLOGICAL ADVANCES MANY OF WHICH ARE ACKNOWLEDGED AND HONOURED THESE DAYS BY "ENGINEERING EXCELLENCE AWARDS".

HOWEVER, AUSTRALIANS ARE MUCH LESS AWARE OF TECHNOLOGICAL ACHIEVEMENTS OF THE PAST WHICH HAVE MADE POSSIBLE THE STANDARD OF LIVING WE CURRENTLY ENJOY TODAY.

IN 1984, THE INSTITUTION OF ENGINEERS, AUSTRALIA, ESTABLISHED THE AUSTRALIAN HISTORIC ENGINEERING PLAQUING PROGRAMME TO ACKNOWLEDGE THESE PAST ENGINEERING ACHIEVEMENTS AND TO DRAW PUBLIC ATTENTION TO THE SIGNIFICANT CONTRIBUTIONS THEY HAVE MADE TO OUR SOCIETY AND TO THE ENGINEERS WHO WERE RESPONSIBLE FOR THEM.

THE PROGRAMME FOSTERS THE PRIDE OF THE GENERAL COMMUNITY AND THE ENGINEERING PROFESSION IN THESE ACHIEVEMENTS.

THE PROGRAMME FOR PLAQUING HISTORIC ENGINEERING WORKS WAS DEVELOPED TO :

1. IDENTIFY AND DESIGNATE HISTORIC ENGINEERING WORKS:
2. TO MARK THESE WORKS WITH A PLAQUE BY THE AGREEMENT OF INTERESTED PARTIES, PARTICULARLY THE OWNER:



3. TO INCREASE PUBLIC UNDERSTANDING AND APPRECIATION OF THE SOCIAL AND ENVIRONMENTAL ELEMENTS OF ENGINEERING WORKS AND THEIR IMPACT ON THE DEVELOPMENT OF AUSTRALIA:
4. TO RAISE THE AWARENESS OF ENGINEERS OF THEIR PROFESSIONAL HISTORY AND HERITAGE:
5. TO PROMOTE THE CONSERVATION OF THESE WORKS BY DRAWING ATTENTION TO THEM AND TO EMPHASIZE THE IMPORTANCE OF OUR ENGINEERING INFRASTRUCTURE TO THE SOCIETY IN WHICH WE LIVE:
6. AND FINALLY TO ESTABLISH A DOCUMENTAL ARCHIVE OF INFORMATION ABOUT AUSTRALIAN HISTORIC ENGINEERING WORKS.

THIS PLAQUING PROGRAMME RECOGNIZES THE SIGNIFICANCE OF THESE HISTORIC ENGINEERING WORKS AT TWO LEVELS:-

THE UPPER LEVEL AWARD IS CALLED A NATIONAL ENGINEERING LANDMARK OR "NEL" AS WE SOMETIMES CALL IT.

THE LOWER LEVEL AWARD IS CALLED AN HISTORIC ENGINEERING MARKER OR "HEM".

FOR HISTORIC WORKS OR OBJECTS OF PARTICULARLY OUTSTANDING ENGINEERING IMPORTANCE, THE INSTITUTION RESERVES ITS ULTIMATE ACCOLADE, THE NATIONAL ENGINEERING LANDMARK AWARD.

THE ITEM MUST HAVE CONTRIBUTED SIGNIFICANTLY TO THE DEVELOPMENT OF AUSTRALIA AND TO THE PRACTICE OF ENGINEERING, AND THUS MUST REPRESENT A MILESTONE BY WHICH PROGRESS IS MEASURED, OR BE A BENCHMARK BY WHICH COMPARISONS ARE MADE.

THESE WORKS WILL BE SEEN NOT ONLY AS PART OF AUSTRALIA'S ENGINEERING HERITAGE, BUT ALSO AS SIGNIFICANT COMPONENTS OF THE NATIONAL ESTATE.

THEY DO A LOT MORE THAN MARK AN HISTORIC POINT OR PERIOD OF TIME.

FOR ITEMS WHICH ARE OF LESSER SIGNIFICANCE AT THE NATIONAL LEVEL, OR ARE SIGNIFICANT ONLY WITHIN A PARTICULAR STATE, REGION OR COMMUNITY, THE HISTORIC ENGINEERING MARKER MAY BE THE APPROPRIATE AWARD. (THE HEM)

SUCH WORKS MAY MARK A SIGNIFICANT POINT OR PERIOD IN HISTORY.

THIS PROGRAMME COMMENCED IN 1984 AND IN THE NEXT FIFTEEN YEARS UP TO THE PRESENT TIME, THROUGHOUT AUSTRALIA, A TOTAL OF 65 HISTORIC ENGINEERING PLAQUES HAVE BEEN UNVEILED, 50 OF THE LOWER LEVEL "HISTORIC ENGINEERING MARKERS" (HEMS) BUT ONLY 15 OF THE UPPER LEVEL "NATIONAL ENGINEERING LANDMARKS".(NELS)

IN THIS STATE, WE ALREADY HAVE FOUR OF THE LOWER LEVEL "HISTORIC ENGINEERING MARKERS", (HEMS) NAMELY:

1. PRINCESS ROYAL BATTERY AND MAGAZINE, AT MOUNT ADELAIDE IN ALBANY,
2. THE PERTH WIRELESS STATION AT APPLECROSS,
3. THE ROTTNEST ISLAND LIGHTHOUSE AND SIGNAL STATION,
4. THE CANNING DAM.

BUT WE ALSO HAVE TWO OF THE UPPER LEVEL "NATIONAL ENGINEERING LANDMARKS", (NELS) THESE BEING:-

1. THE COOLGARDIE GOLDFIELDS WATER SUPPLY SCHEME AND
2. THE FREMANTLE HARBOUR.

TODAY WE WILL ADD TO THIS VERY IMPRESSIVE LIST OUR THIRD UPPER LEVEL "NATIONAL ENGINEERING LANDMARK" COMMEMORATIVE PLAQUE.

Invite Harold Clough, Chairman of Clough Limited, to explain the title "*A Fortunate Choice*".

IEH91117.